Notes:
1. Not available if "CC" is selected for Outputs 3, 4 and "C" is selected for Output 5.
2. Selection must be "0" if "R1" is selected for Outputs 3, 4.
3. There are no digital inputs if "SS" or "R1" is selected for Outputs 3, 4.
4. There are 12 digital inputs if "SS" or "R1" is selected for Outputs 3, 4.
5. Not available if "SS" or "R1" is selected for Outputs 3, 4.

Additionally, installation and use of this equipment should be done by qualified personnel. However, some specifications and restrictions may vary for details, consult the specifications.

**Accessories (sold separately)**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT-521</td>
<td>Extension terminal</td>
</tr>
<tr>
<td>RN-01</td>
<td>Extension terminal</td>
</tr>
<tr>
<td>RN-31</td>
<td>N/O changeover switch</td>
</tr>
<tr>
<td>RF-101</td>
<td>N/O changeover switch</td>
</tr>
</tbody>
</table>

- It will be reissued for the SDC46V.

**Dimensions**

<table>
<thead>
<tr>
<th>SDC45V</th>
<th>SDC46V</th>
</tr>
</thead>
<tbody>
<tr>
<td>58 x 78</td>
<td>60 x 81</td>
</tr>
</tbody>
</table>

**Multi Loop Controller with Multi-Input Computation Function**

SDC45V/46V

*Fresh ideas and advanced functions, extending the boundaries of next-generation control*

Azbil Corporation
Advanced Automator Company

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1st Edition: Issued in Dec. 2007
5th Edition: Issued in Apr. 2017
**New top-of-the-line models for the powerful SDC Series**

These advanced models offer the ultimate in instrumentation and control.

Dual-input computation capability and temperature-pressure correction are built in. Sophisticated control can be created with functions like input signal changeover, output signal changeover, and averaged value control.

**Built-in dual-input computation**

- **Signal Flow**
  - Input
  - PID computation
  - Output computation
  - Signal processing

- **Computation Details**
  - Input 1
    - 0-10 V
    - 0-20 mA
  - Input 2
    - 0-10 V
    - 0-20 mA

- **21 Computation Functions**

- **Specifications**

- **Input Type and Range**

- **Examples of what computation functions can do**

- **Behavior at power-ON selectable**

- **Remote SP**

- **Input sensor standards**